

11/09/01  
JC525 U.S. PTO

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**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

PTO/SB/05 (11-00)  
Approved for use through 10/31/2002. OMB 0651-0032  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

11/09/01  
JC525 U.S. PTO

**COPY OF PAPERS  
ORIGINALLY FILED**

Attorney Docket No.	P05414US4
First Inventor	MARANAS, Costas D., et al.
Title	A MODELING FRAMEWORK FOR PREDICTING TI
Express Mail Label No.	EL 911005175 US

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

1.  Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
2.  Applicant claims small entity status.  
See 37 CFR 1.27.
3.  Specification [Total Pages **38**]  
(preferred arrangement set forth below)
  - Descriptive title of the invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4.  Drawing(s) (35 U.S.C. 113) [ Total Sheets **7** ]
5. Oath or Declaration [ Total Pages **1** ]
  - a.  Newly executed (original or copy)
  - b.  Copy from a prior application (37 CFR 1.63 (d))  
(for continuation/divisional with Box 18 completed)
    - i.  **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6.  Application Data Sheet. See 37 CFR 1.76

**ADDRESS TO:** Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

7.  CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
  - a.  Computer Readable Form (CRF)
  - b. Specification Sequence Listing on:
    - i.  CD-ROM or CD-R (2 copies); or
    - ii.  paper
  - c.  Statements verifying identity of above copies

**ACCOMPANYING APPLICATION PARTS**

9.  Assignment Papers (cover sheet & document(s))
10.  37 CFR 3.73(b) Statement  Power of Attorney  
(when there is an assignee)
11.  English Translation Document (if applicable)
12.  Information Disclosure Statement (IDS)/PTO-1449  Copies of IDS Citations
13.  Preliminary Amendment
14.  Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
15.  Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
16.  Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17.  Other: **POWER OF ATTORNEY**

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

Continuation  Divisional  Continuation-in-part (CIP)

of prior application No. **60/316,683**

Prior application information: **Examiner** \_\_\_\_\_

Group Art Unit: \_\_\_\_\_

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**19. CORRESPONDENCE ADDRESS**

<input checked="" type="checkbox"/> Customer Number or Bar Code Label	<b>27407</b> (Insert Customer No. or Attach bar code later here)		<input type="checkbox"/> or <input type="checkbox"/> Correspondence address below
Name			
Address			
City	State	Zip Code	
Country	Telephone	(515)288-3667	Fax (515) 288-1338
Name (Print/Type)	JOHN D. GOODHUE	Registration No. (Attorney/Agent)	47,603
Signature	<i>John D. Goodhue</i>		Date 11/09/2001

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# FEE TRANSMITTAL

## for FY 2002

Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 370.00)

## Complete if Known

Application Number	
Filing Date	November 9, 2001
First Named Inventor	MARANAS, COSTAS D., et al.
Examiner Name	
Group Art Unit	
Attorney Docket No.	P05413US4

## METHOD OF PAYMENT (check all that apply)

 Check  Credit card  Money Order  Other  None
 Deposit Account:

Deposit Account Number 26-0084  
Deposit Account Name Zarley, McKee Thomte, Voorhees & Sease

The Commissioner is authorized to: (check all that apply)

 Charge fee(s) indicated below  Credit any overpayments  
 Charge any additional fee(s) during the pendency of this application  
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.
 

## FEE CALCULATION

## 1. BASIC FILING FEE

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code (\$)	Fee Code (\$)		
101 740	201 370	Utility filing fee	370.00
106 330	206 165	Design filing fee	
107 510	207 255	Plant filing fee	
108 740	208 370	Reissue filing fee	
114 160	214 80	Provisional filing fee	
SUBTOTAL (1) (\$)		370.00	

## 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	15	-20** =	0	X	0	=	0	Fee from below	Fee Paid
Independent Claims	3	- 3** =	0	X	0	=	0		
Multiple Dependent					0	=	0		

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code (\$)	Fee Code (\$)		
103 18	203 9	Claims in excess of 20	
102 84	202 42	Independent claims in excess of 3	
104 280	204 140	Multiple dependent claim, if not paid	
109 84	209 42	** Reissue independent claims over original patent	
110 18	210 9	** Reissue claims in excess of 20 and over original patent	
SUBTOTAL (2) (\$)		0	

\*\*or number previously paid, if greater: For Reissues, see above

## 3. ADDITIONAL FEES

Large Entity|Small Entity

Fee Code (\$)	Fee (\$)	Fee Code (\$)	Fee (\$)	Fee Description	Fee Paid
105 130	205	65		Surcharge - late filing fee or oath	
127 50	227	25		Surcharge - late provisional filing fee or cover sheet	
139 130	139	130		Non-English specification	
147 2,520	147	2,520		For filing a request for ex parte reexamination	
112 920*	112	920*		Requesting publication of SIR prior to Examiner action	
113 1,840*	113	1,840*		Requesting publication of SIR after Examiner action	
115 110	215	55		Extension for reply within first month	
116 400	216	200		Extension for reply within second month	
117 920	217	460		Extension for reply within third month	
118 1,440	218	720		Extension for reply within fourth month	
128 1,960	228	980		Extension for reply within fifth month	
119 320	219	160		Notice of Appeal	
120 320	220	160		Filing a brief in support of an appeal	
121 280	221	140		Request for oral hearing	
138 1,510	138	1,510		Petition to institute a public use proceeding	
140 110	240	55		Petition to revive - unavoidable	
141 1,280	241	640		Petition to revive - unintentional	
142 1,280	242	640		Utility issue fee (or reissue)	
143 460	243	230		Design issue fee	
144 620	244	310		Plant issue fee	
122 130	122	130		Petitions to the Commissioner	
123 50	123	50		Processing fee under 37 CFR 1.17(a)	
126 180	126	180		Submission of Information Disclosure Stmt	
581 40	581	40		Recording each patent assignment per property (times number of properties)	
146 740	246	370		Filing a submission after final rejection (37 CFR § 1.129(a))	
149 740	249	370		For each additional invention to be examined (37 CFR § 1.129(b))	
179 740	279	370		Request for Continued Examination (RCE)	
169 900	169	900		Request for expedited examination of a design application	
Other fee (specify) _____					

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 0)

SUBMITTED BY		Complete if applicable		
Name (Print/Type)	JOHN D. GOODHUE	Registration No. (Attorney/Agent)	47,603	Telephone (515) 288-3667
Signature	John D. Goodhue		Date	11/09/2001

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